http://www.okcareertech.org/ health/hosa/

HOSA Heartbeat

Taking the pulse of Oklahoma HOSA

Upcoming events:

- SLC! April 13-15 Oklahoma City
- NLC! June 22-25
 Anaheim, California

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Letter from the President

Oklahoma HOSA Members,

The year has gotten off to a snowy start in Oklahoma, but that hasn't stopped your Oklahoma HOSA Executive Council from planning exciting things as the year progresses! Our last meeting was canceled due to snow, but rest assured that we continue to work on ideas for State Leadership Conference, as well as develop ways to better connect with you, your advisors, and National HOSA. Our newly formed Website Committee has been planning an all-new and improved HOSA Homepage. In addition, we have also taken your feedback about HOSA HeartBeat and updated it to better suit your needs. The Executive Council will also soon meet at the Oklahoma State Capitol to discuss the future of HOSA with Oklahoma Legislators. We want them to know about our mission, goals, and amazing events! Our next order of business when we meet is the selection of Keynote Speakers for our annual State Leadership Conference. We have been considering ideas and will be making a final decision soon. Last but not least, we want you to know that we are always open to your ideas. If you have feedback for us about anything related to Oklahoma HOSA, feel free to email our offices. Thanks for reading and be sure to begin preparing for your competitive events!

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David Kelly

President

Oklahoma HOSA Executive Council



The health field has many job opportunities, from Dentistry, Pediatrics, Sports Medicine, Pharmacy, Veterinarian, Nursing, Physical Therapist, and more. These are just a few of the job opportunities that the health field has to offer. According to the American Association of Colleges of Nursing, statistics show that in the near future "Nursing" will be the top job with the most job openings. The estimation that has been given is approximately 581,500 positions that will be created through 2018 which is a 22.2% increase. A lot of people see a health career as being limited to nursing and being a doctor of some sort, but there is so much more to it. For instance, you can specialize in Neurology and find cool and unique things about the human brain. If you like to file papers, keep things organized and working in an office, then a Medical Administrative Secretary job would be perfect for you. These are some jobs that may or may not interest you, but that does not mean there isn't some type of job opportunity in the health field that wouldn't meet with your approval. Health Occupation Students of America is one way to find answers about your doubts and can lead you toward a path that will make you more educated and successful in a health field. Many young adolescence and adults have been given opportunities to explore a health career through HOSA. So don't be afraid to voice your ignorance about a health field or health career, ask around and someone like Oklahoma HOSA could help you.

-Amanda Plunkett

OK HOSA Chaplain

Executive Council

"Every great dream begins with a dreamer. Always remember, you have within you the strength, the patience, and the passion to reach for the stars to change the world."

-Harriet Tubman

New method's presented on early detection signs of Alzheimer's.

Alzheimer's disease and Dementia, are among diseases that researchers and scientist's have been stumped on for years. New tests and methods of prevention for these conditions have been of paramount concern for many years. But, from a release of MSNBC's Julie Steenhuysen, we can now see progressive method's of not only detecting Alzheimer's disease but there is now research to try and find treatment for the people who are ailed with this disease. "U.S. researchers are closing in on tests that can detect biological signs of Alzheimer's disease, an advance that would improve diagnosis and help in the search for treatments for the mind-robbing disease." As reported by Julie Steenhuysen, "A team at Eli Lilly and Co's newly acquired Avid Radiopharmaceuticals said on Tuesday its imaging agent was highly accurate as detecting a protein linked with Alzheimer's disease in a late-stage clinical trial." From a study lead by, Dr. Kristine Yaffe at the San Francisco Veterans Affairs Medical Center they have suggested a, "blood test that could predict if a patient is at risk for dementia years before the symptoms occur."

"Alzheimer's affects 26 million people globally and costs \$604 billion to treat. It is diagnosed by symptoms, and only confirmed by examining the brain in an autopsy after death." But, with Avids new drug known as "Florbetapir F18" it will work as a chemical to stick and highlight the beta amyloid, better known as the protein that clumps to the brain's of people affected with Alzheimer's. "The company's trial involved gravely ill patients who consented to an autopsy when they died. It aimed to prove that the same clumps of amyloid that showed up on brain scans were present at autopsy in the people who had Alzheimer's." Dr. Daniel Skovronsky, who is the founder and chief executive of Avid, said that the report was "highly successful". PET scans, "matched an autopsy report of 96 percent of the time in 29 people." Skovronsky said, "It met all of its endpoints with statistical significance and demonstrated that Florbetapir is imaging amyloid plaques in the brain." "If approved, the team said the drug would be used to exclude Alzheimer's from potentially treatable causes of memory loss like stroke, tumors and depression."

With these new progressive tests being explored, Alzheimer's victims and those affected directly or indirectly are now starting to see light at the end of a very dark tunnel.

-Matthew Wright

OK HOSA Vice-President

Executive Council

Source: MSNBC; "Scientists closing in on Alzheimer's tests"; by,Julie Steenhuysen.

There Is Something For Everyone!

SLC is right around the corner. Which event do you want to compete in?

Health Science Events:

- Dental Spelling
- Dental Terminology
- Medical Spelling
- Medical Terminology
- Medical Math
- Knowledge Tests

Emergency Preparedness Events:

- CPR/First Aid
- Emergency Medical Technician
- First Aid/Rescue Breathing
- CERT Skills
- Public Health Emergency Preparedness
- Epidiomlogy
- MRC Partnership

Teamwork Events:

- Community Awareness
- Creative Problem Solving
- Forensic Medicine
- HOSA Bowl
- Parliamentary Procedure
- Career Health Display
- Biomedical Debate
- Medical Reading
- Health Education
- Public Service Announcement

Health Profession Events:

- Biotechnology
- Clinical Nursing
- Clinical Specialty
- Dental Assisting
- Home Health Aide
- Medical assisting
- Nursing Assisting
- Personal care
- Physical Therepy
- Sports Medicine
- Veterinary Assisting

Leadership Events:

- Extemporaneous Health Poster
- Extemporaneous Speaking
- Extemporaneous Writing
- Medical Photography
- Job Seeking Skills
- Prepared Speaking
- Researched Persuasive Speaking
- Interviewing Skills
- Speaking Skills

Recognition:

- Outstanding HOSA Chapter
- National Recognition Program
- Kaiser Permanente Health Care Issues Exam
- National Service Project
- Barbara James Service Award
- Outstanding State Leader
- Chapter Newsletter
- HOSA Week

http://www.hosa.org/natorg/sectb/index.html